



Date of Notice of Allowance: 08/16/04  
Serial No.: 09/864,824

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Dayton, Ohio

NCR Docket No. 9744

Application of:

CHIANG, K.

Group Art Unit: 2177

Serial No. 09/864,824

Examiner: WONG, LESLIE

Filed: May 24, 2001

For: METHOD AND SYSTEM FOR INCLUSION HASH JOINS AND  
EXCLUSION HASH JOINS IN RELATIONAL DATABASES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER TO THE OFFICIAL DRAFTSMAN**

Sir:

Enclosed are formal drawings of Figures 1 through 9 for the above-identified patent application. Please substitute the enclosed formal drawings for the originally filed informal drawings of Figures 1 through 9, which were provided with the patent application when filed on May 24, 2001.

Two duplicate copies of the enclosed drawing sheets are provided for the convenience of the Office.

The Commissioner is hereby authorized to charge any fees that may be required to NCR Corporation, Deposit Account No. 50-1673.

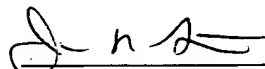
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**CERTIFICATION OF MAILING UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 5, 2004.

By: Sallie Spicer  
Name: Sallie Spicer

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'J M Stover', is written over a horizontal line.

James M. Stover  
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